

**REMARKS**

Claim 31 has been added. No new matter has been introduced with this added claim, which is supported in the specification as originally filed. Claims 1 - 31 are now the application.

I. Rejection Under 35 U.S.C. §103

Paragraph 1 of the Office Action dated June 3, 2004 (hereinafter, "the Office Action") states that Claims 1 - 4, 6 - 13, 15 - 22, and 24 - 29 are rejected under 35 U.S.C. §103(a) as being unpatentable over U. S. Patent 6,412,009 to Erickson et al. in view of U. S. Patent 6,442,590 to Inala et al. Paragraph 2 of the Office Action states that Claims 5, 14, 23, and 30 are rejected under 35 U.S.C. §103(a) as being unpatentable over Erickson in view of Inala and further in view of RFC 2068 ("Fielding"). These rejections are respectfully traversed.

Applicant's independent Claims 1, 10, 19, 28, and 31 specify a "send channel" and "receive channel" which are distinct. Applicant's independent claims further specify limitations pertaining to using these distinct channels to provide support for bi-directional protocols (such as TCP, as specified in Claims 1, 10, and 19) over uni-directional protocol systems (such as HTTP, as specified in Claims 1, 10, and 19).

In contrast to Applicant's claimed use of a send channel and a distinct receive channel (i.e., two different channels), Erickson teaches use of a single connection for transmitting messages in both directions. This is stated throughout Erickson's disclosure, and a number of references were provided in Applicant's prior response dated October 21, 2003, which is hereby

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incorporated by reference.

Page 3, lines 18 - 19 of the Office Action admit that Erickson does not "explicitly" teach use of a receive channel that is distinct from the send channel. Applicant submits that Erickson explicitly teaches that these channels are not distinct. Page 3, line 20 - p. 4, line 4 of the Office Action continues by stating that Inala teaches use of a receive channel that is distinct from a send channel, and that it would have been obvious to combine Inala's teachings with those of Erickson because "the use of two channels would enable data to be transmitted to and received from two separate connections [and] This would have improved the efficiency of transmission in term[s] of cost and simplicity required for the connections." (emphasis added).

Applicant respectfully disagrees with this supposed motivation for combining the references. Erickson repeatedly states that his technique uses "a" connection, and also explicitly states that this single connection is all that is needed and that use of this single connection leads to improved performance. See col. 7, lines 57 - 62, "Because only one connection is needed ... the present invention provides performance comparable to workstations connected through a LAN ... and responses that are less variable ..." (emphasis added).

It is noted that response time comparable to a workstation connected through a LAN is considered advantageous, according to Erickson's teachings. See col. 2, lines 2 - 9, which explain that the "local login response time" (i.e., the response time when using a LAN connection) is considered desirable. See also col. 2, lines 36 - 40 and col. 4, lines 52 - 56, which

explain that Erickson's invention provides performance comparable to the performance of a workstation connected through a LAN.

See also col. 4, lines 61 - 65, which explicitly state "By providing a [note, singular] persistent connection ... the present invention achieves performance comparable to the performance of the workstation 14 connected through the LAN 16 ..." (emphasis added).

As demonstrated by these citations, Erickson's own teachings are therefore in contradiction to, and teach away from, the supposed motivation provided in the Office Action. Applicant therefore respectfully submits that the supposed motivation stated in the Office Action is flawed, and that one of skill in the art would not, in fact, attempt to combine Inala with Erickson's single-connection approach.

Accordingly, Applicant respectfully submits that his independent Claims 1, 10, 19, 28, and 31 are patentable over Erickson and Inala. By virtue of the allowability of the independent claims, Applicant respectfully submits that all dependent claims are also patentable over the cited references (including Fielding). The Examiner is therefore respectfully requested to withdraw the §103 rejections of all claims.

## II. Conclusion

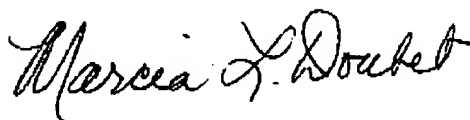
Applicant respectfully requests reconsideration of the pending rejected claims, withdrawal of all presently outstanding rejections, and allowance of all claims at an early date.

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Respectfully submitted,

A handwritten signature in black ink, reading "Marcia L. Doubet". The signature is written in a cursive style with a large, stylized 'M' and 'D'.

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